

Technical Data Sheet

FASSADENPROTECT 510

Matt professional exterior facade paint



Product description

Intended use:

Highly weather-resistant silicone resin facade paint for optimum protection against moisture and dirt on facades. Equipped with film protection against algal and fungal infestation. Not suitable for reworking existing, elastic facade systems.

Properties:

- Including film protection against green growth
- Highly water vapour permeable
- Maximum coverage
- Low soiling tendency
- Protection against air pollutants
- Silicone resin based

Base material:

Polyacrylate dispersion, silicone resin emulsion

Storage:

Cool (not below 5°C), dry and tightly sealed. Reseal opened containers tightly.

Consumption:

Approx. 150 – 200 ml/m² with a single coat. More material is required on highly structured substrates, e.g. friction plaster.

Density:

Approx. 1,4-1,55 g/cm³

W-rate according to DIN EN 1062-3:

Class W₂ (medium)

Sd-Rate according to DIN EN 1062-3:

Class V₁ (high)

Ingredients:

Styrene-acrylic-copolymer-dispersion, emulsion of silicone, titanium oxide, silicates, calcium carbonate, water, white spirit, glycol ether, additives, preservatives for film protection, preservatives (benzisothiazolinone and pyrithione zinc)

The product is a treated product according to EU Regulation 528/2012 and contains 2-octyl-2H-isothiazol-3-one, terbutryn and zinc pyrithion as biocidal active substances.

Processing temperature:

Do not process at an air and object temperature below +5 °C.

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Use and application technology

Tinting/Mixing:

Do not dye or mix with other materials. Colour shades are available via the colour mixing system.

Dilution:

Dilute by up to max. 5 % with water, as required.

Drying:

Edible after approx. 12 hours. Depending on the surface conditions. Drying at +20°C and 65 % relative humidity. At lower temperatures and higher humidity, the specified drying times will be extended accordingly.

Preparation:

The substrate must be clean, firm, dry, load-bearing and free of release agents, sintered layers, efflorescences and other intermediate layers that impair adhesion. Check the load-bearing capacity and adhesive properties of existing coatings. Remove non-load-bearing existing coatings completely. Clean fungus- and algae-infested surfaces according to the instructions without leaving any residues. Horizontal surfaces shall be protected by design. In the event of moisture exposure, rapid water drainage must be ensured. The specifications of VOB Part C, DIN 18363, Section 3 must be observed. Cover furniture, floors, glass, ceramics, natural stones, soil, plants, etc. with foil or fleece. Mask windows, doors and skirting boards with masking tape. Wipe up paint splashes immediately with a damp cloth before they dry.

Coating build up:

Substrate	Primer	Intermediate coat	Top coat
Normally absorbent substrates, e.g. Matt emulsion paint coats, Dispersion plaster	-	1x PROFIDUR Fassadenprotect 510, diluted to max. 5 %.	1x PROFIDUR Fassadenprotect 510
Non-absorbent or weakly absorbent substrates, e.g. Glossy emulsion paint coats, Intact paint coats, Stripped substrates	1x suitable adhesive primer		
Strongly and unevenly absorbent substrates, e.g. Masonry, Lime sandstone masonry, Concrete, Light sanding renders, Chalk emulsion paint coats	1x PROFIDUR Tiefgrund 120		

Tool cleaning:

Immediately after use with soap and water.

Spray Date (airless):

Nozzle	0,53-0,63 mm
Spray angle	40° – 80°
Pressure	150 bar
Thinner	approx 5 %

When spraying, observe the machine manufacturer's specifications for material settings.

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Use:

Stir the contents well before processing. The product can be rolled, painted or sprayed airless. {50417380}

Application instructions:

Do not apply in direct sunlight, wind or if there is a risk of rain. Wear face protection when spraying.

Technical note:

If several containers of the same material are mixed on a contiguous surface, we recommend using material with one batch number or mixing the required quantity with each other. The data sheets of the other products used in the system design must be observed.

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Important information

Safety/hazard warnings:

WARNING

- Keep out of reach of children.
- Avoid breathing vapours.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- If skin irritation or rash occurs: Get medical advice/attention.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Dispose of contents/container to an approved disposal company for hazardous waste or to a municipal collection point for hazardous materials.
- Causes skin irritation.
- Harmful to aquatic life with long lasting effects.



Further Information:

Contains: 1,2-BENZISOTHIAZOL-3(2H)-ONE ; TERBUTRYN ; 2-OCTYL-2H-ISOTHIAZOL-3-ONE. The product is a treated product according to EU Regulation 528/2012 and contains 2-octyl-2H-isothiazol-3-one, terbutryn and zinc pyrithion as biocidal active substances.

Disposal:

Only recycle completely empty containers. Dispose of containers with dried-on residue as domestic waste or as construction debris. Deposit containers with residue that has not dried up at the communal collection point. Waste code no. 080112 (according to the Waste Catalog Ordinance (AVV/VeVa)).

EU limit value for VOC content:

EU limit value for this product (A/c): 40 g/l (2010). This product contains max. 40 g/l VOC.

Advice for people allergic to isothiazolones:

Allergy hotline and technical information: 00800 73668600 (free of charge).

General:

All specifications and values are the result of intensive development work and many years of practical experience. Our written and verbal application recommendations, provided to the best of our knowledge to assist the buyer or processor in line with the current state of knowledge, do not constitute a contractual legal relationship. They do not absolve the buyer of the responsibility to assess our products for their suitability for the intended purpose. Our general terms and conditions apply in all other respects. With the publication of a new edition of this leaflet due to technical progress, all the above information loses its validity.

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